

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Thomas BORÉN et al. Conf.: Unassigned  
Appl. No.: NEW Group: Unassigned  
Filed: January 22, 2004 Examiner: UNASSIGNED  
For: HELICOBACTER PYLORI ADHESIN BINDING  
GROUP ANTIGEN

INFORMATION DISCLOSURE STATEMENT  
(SUBMISSION WITH CONTINUATION-IN-PART OR  
RULE 1.53(b) CONTINUATION OR DIVISIONAL APPLICATION)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

January 22, 2004

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on the PTO-1449 form(s), attached hereto.

II. REFERENCES PREVIOUSLY CITED OR SUBMITTED

Pursuant to 37 C.F.R. § 1.98(d), consideration of information listed on the PTO-1449 form(s) is requested since any patents, publications, or other information which are listed on the PTO-1449 form(s) but for which copies are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

U.S. Appl. No(s).  
09/202,178

U.S. Filing Date(s)  
February 10, 1999

III. FEES

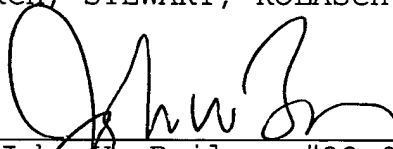
This Information Disclosure Statement is being filed concurrent with the filing of a continuation-in-part, continuation, or divisional patent application; therefore, no fee is required.


If the Examiner has any questions concerning this IDS or requires a copy of any of the references cited but not provided, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By   
John W. Bailey, #32,881

  
JWB/KLR:trb  
0825-0176P

P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

Attachment(s) : ☒ PTO-1449(s)

☐ References

☐ Foreign Search Report

☐ Other:

(Rev. 09/30/03)

Form PTO-1449				ATTY. DOCKET NO. 0825-0176P		APPLICATION NO. NEW		
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  (Use several sheets if necessary)				APPLICANT Thomas BORÉN et al.				
				FILING DATE January 22, 2004		GROUP Unassigned		
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	US 5,846,751		December 1998	Pronovost et al.				
	US 6,410,719		June 2002	Boren et al.				
	US 5,625,124		April 1997	Falk et al.				
<b>FOREIGN PATENT DOCUMENTS</b>								
	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION
								YES      NO
	WO	92/01718		1992-02-06	PCT			
	WO	97/12908		April 1995	PCT			
<b>OTHER DOCUMENTS</b> (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.								
	Boren et al., Science, Vol. 262, Page 1892, (December 1993)							
	Alkout et al., Dialog Information Services, File 34, Scisearch, Dialog accession no. 15596361, Gastroenterology, Vol. 112, No. 4, Pages 1179-1187, (1997)							
	Clyne et al., Dialog Information Services, File 34, Scisearch, Dialog accession no. 15313697, FEMS Immunology and Medical Microbiology, Vol. 16, No. 2, Pages 141-155, (1996)							
	Chan et al., Gycobiology, Vol. 5, No. 7, Pages 683-688, (1995)							
	Alkout et al., Gut, Vol. 37, (Suppl.7), Page A21, Abstract 84, (July 1995)							
	Ho et al., European Journal of Gastroenterology and Hepatology, Vol. 7, Pages 121-124, (1995)							
	Huang et al., Journal of General Microbiology, Vol. 138, Pages 1503-1513, (1992)							
	McKibbin et al., The Journal of Biological Chemistry, Vol. 257, No. 2, Pages 755-760, (January 1982)							
	Oriol, Transplantation proceedings, Vol. 19, No. 6, Pages 4416-4420, (December 1987)							
	Smith, Australian Vet. Pract., Vol. 26, No. 3, Pages 140-145, (September 1996)							
	Chmiela et al., FEMS Immunology and Medical Microbiology, Vol. 10, Nos. 3-4, Pages 307-326, (February 1995)							
	Lelwala-Guruge et al., FEMS Immunology and Medical Microbiology, Vol. 11, No. 1, Pages 73-77, (March 1995)							
EXAMINER				DATE CONSIDERED				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

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EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US 5,538,729		July 1996	Czinn et al.			
	US 5,883,079		March 1999	Zopf et al.			
	US 5,837,502		November 1998	Smith			
	US 5,897,475		April 1999	Pace et al.			
	US 6,051,416		April 2000	Pace et al.			
	US						

FOREIGN PATENT DOCUMENTS								
	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION
	FR	2,724,936	A1	1994-09-22	FRANCE			YES NO

OTHER DOCUMENTS	
(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)	
	Jiang et al., Molecular Microbiology, Vol. 20, No. 4, Pages 833-842,
	Exner et al., Infection and Immunity, Vol. 63, No 4, Pages 1567-1572, (April 1995)
	Doig et al., Journal of Bacteriology, Vol. 177, No. 19, Pages 5447-5452, (October 1995)
	Hirmo et al., Glycoconj. J., Vol. 13, No. 6, Pages 1005-1011, (December 1996)
	Huang et al., Journal of General Microbiology, Vol. 138, Pages 1503-1513, (1992)
	Cameron et al., Dialog Information Services, File 34, Scisearch, Dialog accession no.14645778, Infection and Immunity, Vol. 64, No. 3, Pages 891-896, March 1996
	Farokhnia, Antibody specific for a plasmid encoded protein of Helicobacter pylori, A Thesis for the degree of master of Science in the graduate School of the Texas Woman's University, (December 1995)
	Amano, Akita J. Med., Vol. 24, Pages 100-108, English translation, (1997)
	Sjostedt et al., Ann. Surg., Vol. 207, No. 3, Pages 341-346, abstract, (March 1998)
	Blakely et al., J. Med. Microbiol., Vol. 15, No. 4, Pages 519-529, abstract, (November 1982)

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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	Huang et al., FEMS Microbiology Letters, Vol. 56, No. 1, Pages 109-112, (1988)						
	Newell, Journal of General Microbiology, Vol. 133, Pages 163-170						
	Essery et al., FEMS Immunology Med. Microiol., Vol. 91, No 1, Pages 15-21, (June 1994)						
	Lelwala-Guruge et al., Zbl. Bakt, Vol. 280, Pages 93-106, (1993)						
	Falk et al., Proc. Natl. Acad. Sci., Vol. 90, Pages 2035-2039, (March 1993)						
	Boren et al., Trends in Microbiology, Vol. 2, No. 7, Pages 221-228, (July 1994)						
	Smith et al., The Lancet, Vol. 343, No. 8896, Pages 543, abstract, (February 1994)						
	Fauchere et al., Microbial Pathogenesis, Vol. 9, Pages 427-439, (1990)						
	Enders et al., Infection Immunity, Vol. 63, No. 7, Pages 2473-2477, (July 1995)						
	Moran, FEMS Immunology and Medical Microbiology, Vol. 10, Pages 271-280, (1995)						
	Lingwood et al., Lancet, Vol. 2, No. 8657, Pages 238-241, (July 1989)						
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